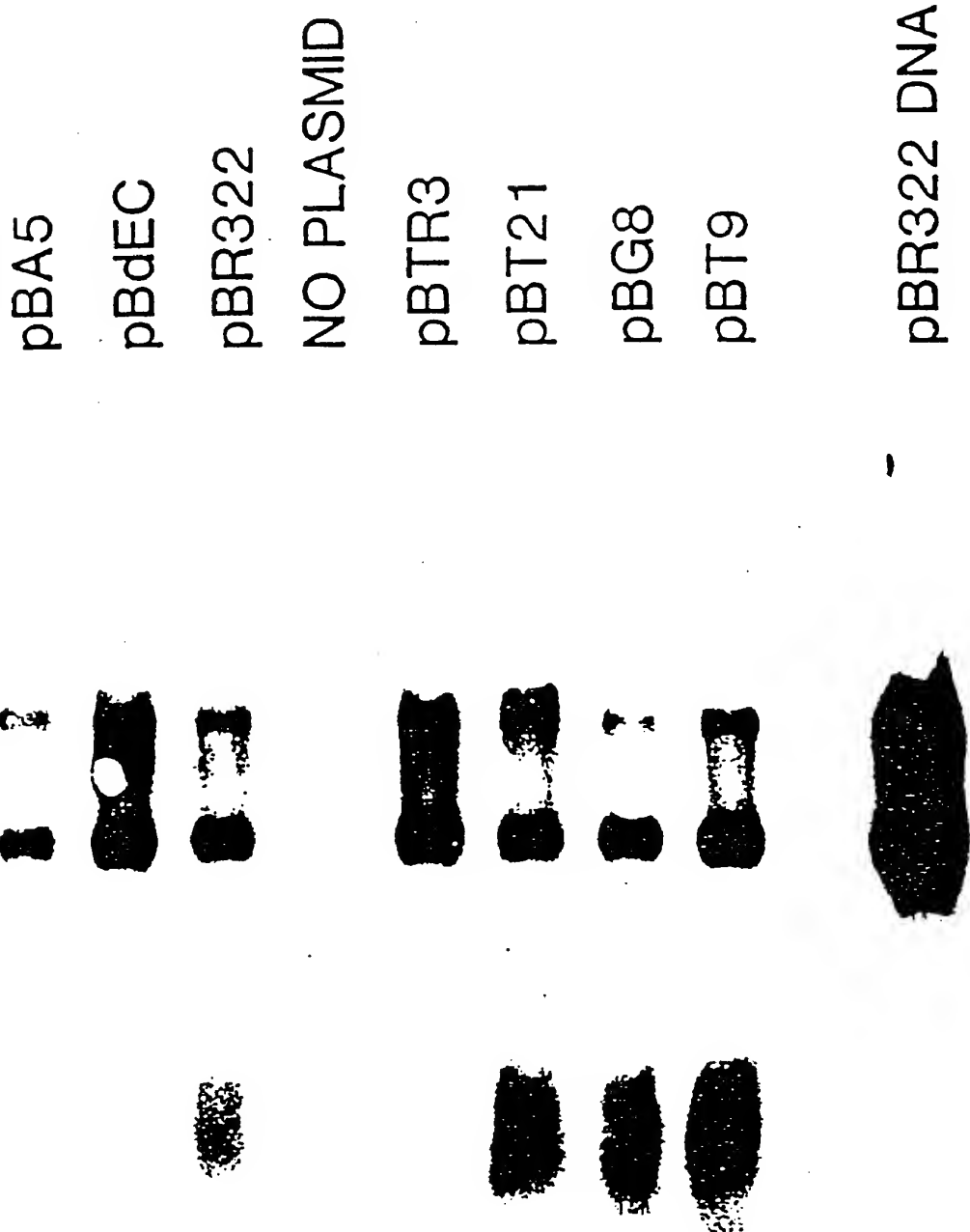


FIGURE 1

361130" 1232ET60

PRINTED DRAWINGS  
AS ORIGINALLY FILED

11/881607



▲ 1.4 kb

FIGURE 2

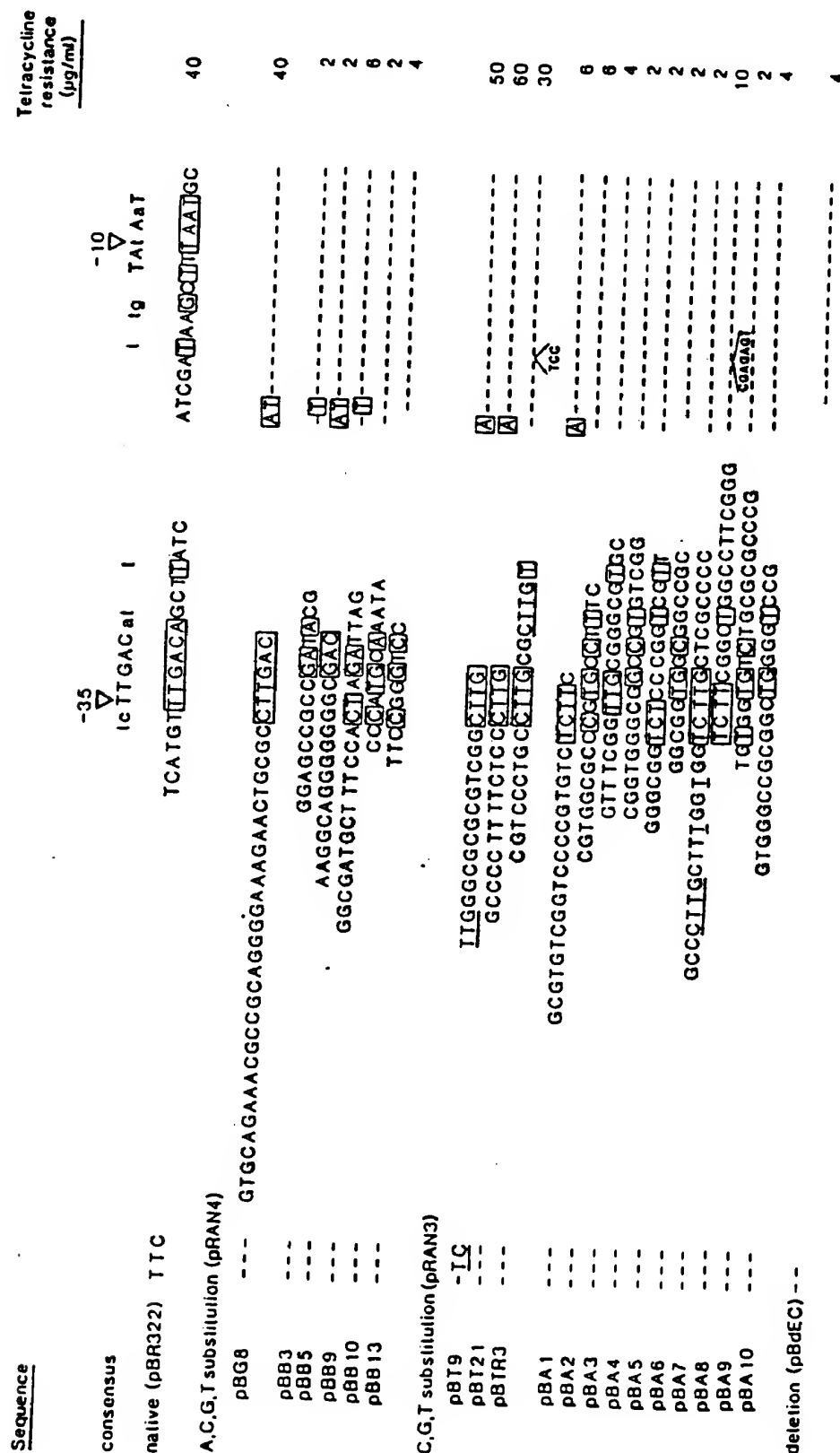


FIGURE 3

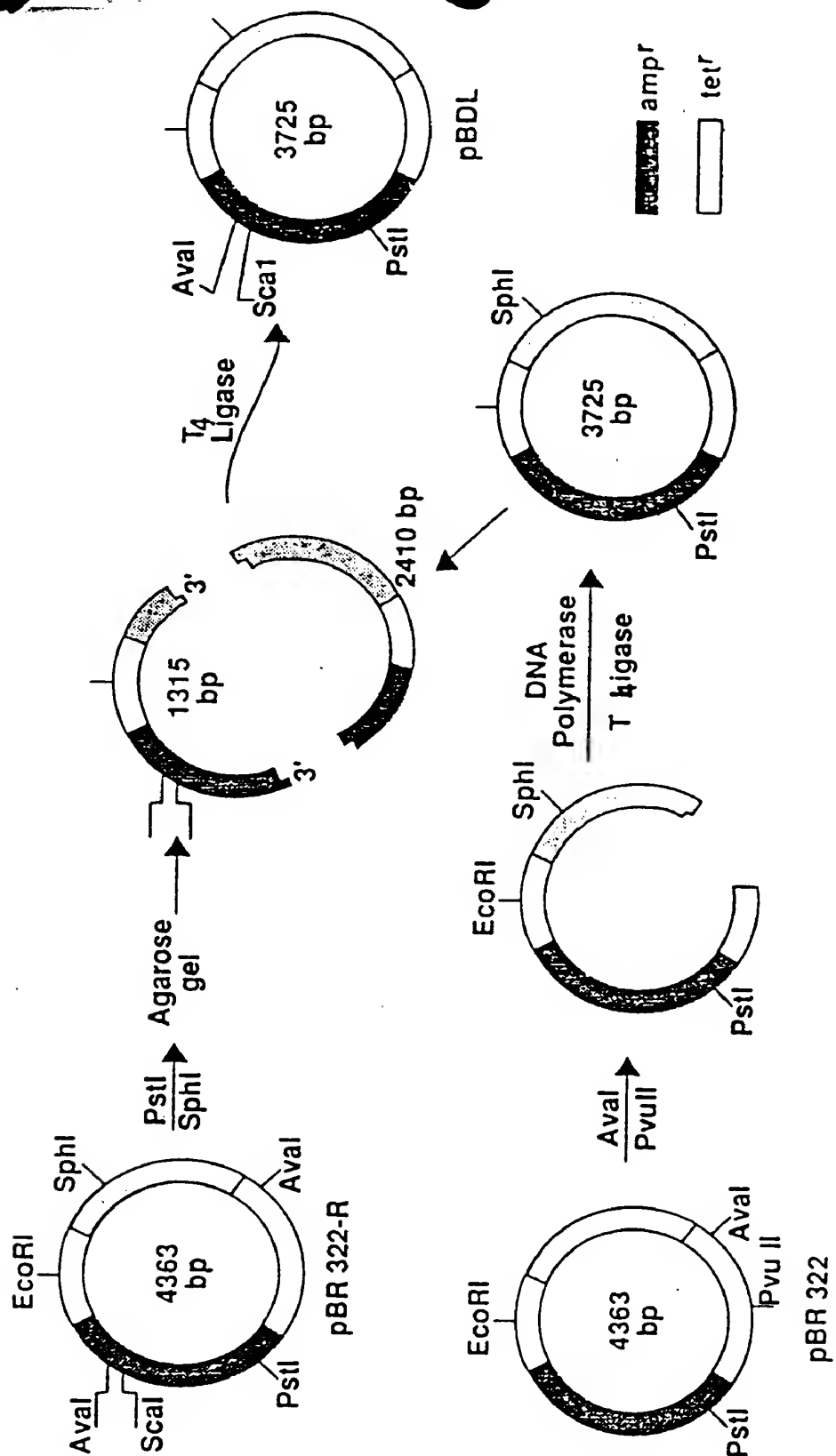
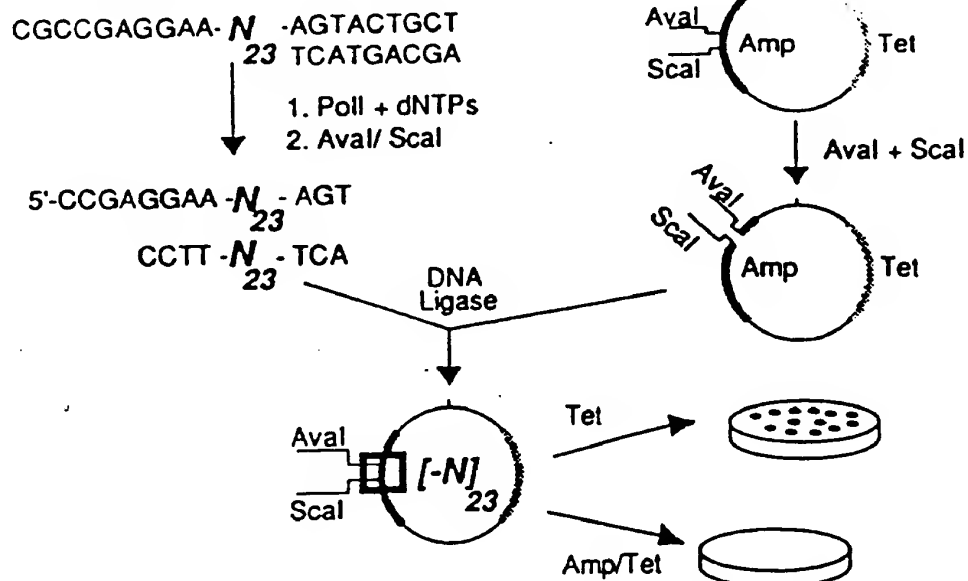


FIGURE 4

### Step I: Selection of Non-Producer Strain

A.



### Step II: Selection for Carbenicillin Resistance

B.

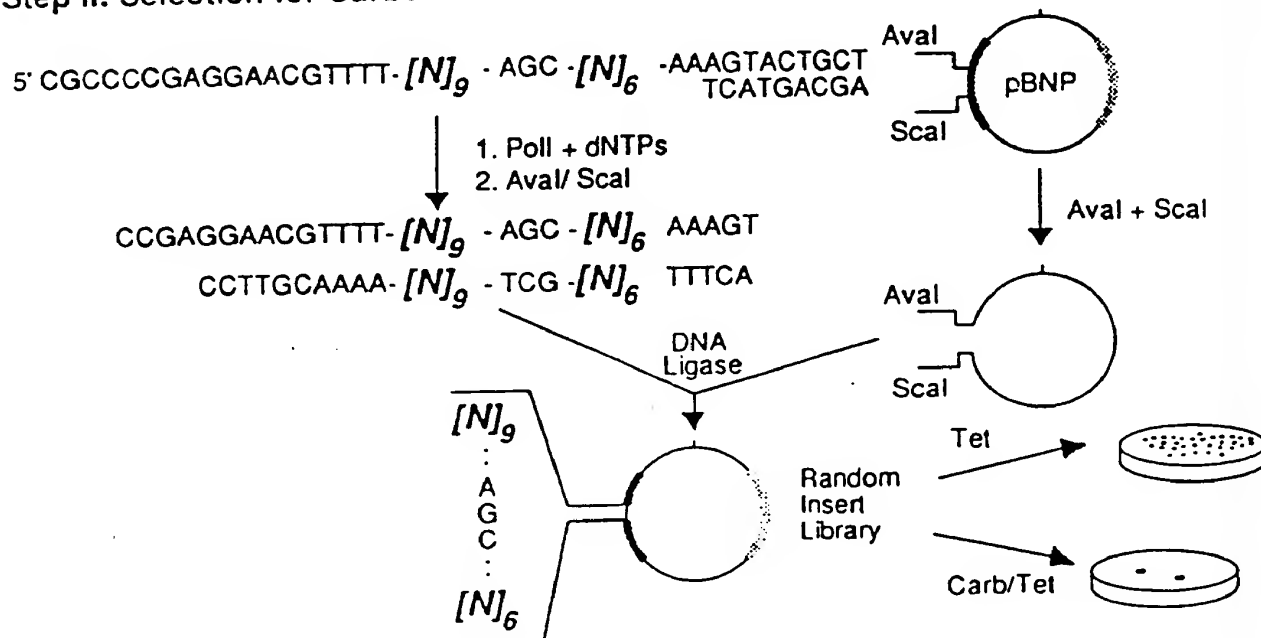


FIGURE 5

70



Amp (wt)	CGT Arg	TTT Phe	CCA Pro	ATG Met	ATG Met	AGC Ser	ACT Thr	TTC Phe	AAA Lys
Non Producer	CGT Arg	<u>CAT His</u>	<u>TTT Phe</u>	<u>CTG Leu</u>	<u>GGT Gly</u>	<u>GTC Val</u>	<u>GTT Val</u>	CAT His	CA
Mutant #1	CGT Arg	TTT Phe	CCC Pro	<u>GTC Val</u>	ATG Met	AGC Ser	<u>ATC Ile</u>	<u>ATC Ile</u>	AAA Lys
Mutant #2	CGT Arg	TTT Phe	CCG Pro	ATG Met	<u>CTT Leu</u>	AGC Ser	ACA Thr	<u>ATA Ile</u>	AAA Lys
Mutant #3	CGT Arg	TTT Phe	<u>GCC Ala</u>	<u>CTC Leu</u>	<u>AAT Asn</u>	AGC Ser	ACA Thr	<u>TTT Phe</u>	AAA Lys
Mutant #4	CGT Arg	TTT Phe	CCT Pro	<u>GTG Val</u>	<u>TGT Cys</u>	AGC Ser	ACG Thr	<u>CAT His</u>	AAA Lys
Mutant #5	CGT Arg	TTT Phe	CCA Pro	<u>CAA Gln</u>	<u>TTG Leu</u>	AGC Ser	ACC Thr	<u>CAC His</u>	AAA Lys
Mutant #6	CGT Arg	TTT Phe	CCC Pro	<u>CTT Leu</u>	<u>TCT Ser</u>	AGC Ser	<u>CAC His</u>	<u>CGT Arg</u>	AAA Lys
Mutant #7	CGT Arg	TTT Phe	CCC Pro	<u>ATA Ile</u>	<u>CTA Leu</u>	AGC Ser	<u>CCA Pro</u>	<u>TCT Ser</u>	AAA Lys

FIGURE 6